

Play: 2804 *Bakken Shale Fracture Systems*

Province: 28 North-Central Montana

Geologist: Dyman, T.S./Perry, W.J.

Play Type continuous-type oil

Status: hypothetical

Play Probability: 0.25

Cells: **Cell Size:** 640 acres 1 sq mi

Area of Play: 5,328 sq mi 5,328 cells

Productive Cells: 0

Tested Nonproductive Cells: 0

Untested Cells: minimum median maximum mean distribution
200 5,328 20,000 6,802 bell-shaped

Success Ratio for Untested Cell 0.20

EUR Distribution for Untested Cells (BO):

<u>F100</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F0</u>	<u>mean</u>
>0	300	4,800	18,000	59,000	139,000	450,000	47,520

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Province:	28	North-Central Montana	Play Type continuous-type oil
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Gas-Oil Ratio:	800 CFG/bbl	API Gravity:	34
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Depth (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>	<u>mean</u>
	5,000	7,500	10,000	7,500

Fraction of Untested Cells to Be Tested by Wells Primarily Targeted for:

<u>the play itself</u>	<u>a deeper horizon</u>	<u>a shallower horizon</u>
0.30	0.10	0.60

Fraction of Play with "Tight" FERC Designation: 0.00

Fraction of Wells Likely to Be Stimulated: 0.00

Potential Reserve Additions:

Oil (MMBO)

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	0.00	0.00	89.21	16.16	34.76

Gas (BCFG)

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	0.00	0.00	71.37	12.93	27.81